

10-01-01

A

Box
sec

UTILITY PATENT APPLICATION TRANSMITTAL
(only for continuation and divisional
applications under 37 CFR 1.53(b))

Docket No.: P-PM 4966

Prior Application Info:

Examiner: L. Scheiner

Group/Art Unit: 1648

Address to: COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231



23601

PATENT TRADEMARK OFFICE

jc986 U.S. PTO
09/966608
09/27/01

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL 857042061 US

DATE OF DEPOSIT: September 27, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS
ADDRESSED TO: COMMISSIONER FOR PATENTS, ATTENTION BOX
PATENT APPLICATION, WASHINGTON, D.C. 20231.

Kerry Tambora

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a
 X continuation divisional

application under 37 CFR 1.53(b), of pending prior application
serial no. 09/820,576, filed March 28, 2001 (list only immediate
prior application).

Title: IBD-ASSOCIATED MICROBIAL NUCLEIC ACID MOLECULES

Inventor(s) (full name of each inventor): Jonathan Braun and
Christopher L. Sutton

No abandonment of, or termination of proceedings, has occurred in
the above-identified prior application.

1. X An application based on the prior application as filed
and containing no new matter is enclosed, consisting
of:
 1 page application cover sheet
 64 pages of specification (includes claims and
abstract)
 8 sheets of formal drawing(s).
2. X 3 pages of a copy of the oath or declaration as
originally filed on August 25, 1999, in prior
application (37 CFR 1.63(d)), U.S. serial no.
09/303,120, filed April 30, 1999, is enclosed.
3. A signed statement DELETING inventor(s) named in the
prior application (37 CFR 1.63(d)(2) and 1.33(b)) is
attached.
4. X Nucleotide and/or Amino Acid Sequence Submission is
enclosed:
 X computer readable copy of sequence listing
 X paper copy of sequence listing, pages 1 through 6
 X Statement Under 37 C.F.R. § 1.821(f) and (g)
 Request to Use Computer Readable Form of Sequence
Listing From Another Application
 Other:

jc952 U.S. PTO
09/27/01

09966608-092701

Inventors: Braun and Sutton
Docket No.: P-PM 4966
Page 2

5. ☒ Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under item no. 2 of this form, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.
6. ☐ Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior application.
7. ☒ A preliminary amendment is enclosed.
8. Small entity status:
a. ☐ A small entity statement is enclosed.
b. ☒ A small entity statement was filed in prior application serial no. 09/303,120, and such status is still proper and desired.
c. ☐ is no longer claimed.
9. ☐ Amend the specification by:
____ inserting before the first paragraph on page 1: or
____ deleting the paragraph on page 1 regarding related applications and inserting therefor:

This application is a [continuation or divisional, pick one] of application serial no. _____, filed _____. (list entire parentage)
10. ☒ Cancel in this application original claims 2 through 25 of the prior application before calculating the filing fee. (At least one original independent claims must be retained for filing purposes.)
11. The prior application is assigned of record to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.
12. The power of attorney in the prior application is to

Cathryn Campbell
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
La Jolla, California 92122
13. ☐ A copy of a change in power of attorney or authorization of agent as filed in the prior application (37 CFR 1.63(d)(4)) is enclosed.
14. ☒ A return receipt postcard is enclosed.
15. ☒ A Patent Application Bibliographic Data Sheet is enclosed.
16. ☐ Request for Nonpublication and Certification is enclosed.
17. Also enclosed:

09666608.092704

Inventors: Braun and Sutton
Docket No.: P-PM 4966
Page 3

The filing fee is calculated below:

	NUMBER FILED		NUMBER EXTRA		RATE	FEE
TOTAL CLAIMS	31 - 20	=	11	x	\$9 \$18	\$99
INDEPENDENT CLAIMS	2 - 3	=	0	x	\$40 \$80	\$0
MULTIPLE DEPENDENT CLAIMS ____ YES _____ X _____ NO					\$135 \$270	\$0
BASIC FEE					\$355 \$710	\$355
TOTAL FEE						\$454

18. X A check in the amount of \$454.00, which covers the basic filing fee is enclosed. A duplicate copy of this sheet is enclosed.
19. _____ The filing fee is not enclosed. Do not charge our deposit account.
20. X The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. 03-0370. A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive, 7th Floor
San Diego, California 92122
telephone: (858) 535-9001
facsimile: (858) 535-8949
USPTO CUSTOMER NO. 23601

Respectfully submitted,

Date: September 27, 2001

Andrea L. Gashler
Andrea L. Gashler
Registration No. 41,029
Attorney for Applicant
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122

____ inventor(s) X attorney or agent of record
____ assignee of complete interest _____ filed under Sec. 1.34(a)

09966608 09966608

Inventors: Braun and Sutton
Docket No.: P-PM 4966
Page 2

5. X Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under item no. 2 of this form, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.
6. Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior application.
7. X A preliminary amendment is enclosed.
8. Small entity status:
a. A small entity statement is enclosed.
b. X A small entity statement was filed in prior application serial no. 09/303,120, and such status is still proper and desired.
c. is no longer claimed.
9. Amend the specification by:
 inserting before the first paragraph on page 1: or
 deleting the paragraph on page 1 regarding related applications and inserting therefor:
- This application is a [continuation or divisional, pick one] of application serial no. _____, filed _____. **(list entire parentage)**

0996603-092701

Inventors: Braun and Sutton
Docket No.: P-PM 4966
Page 3

The filing fee is calculated below:

	NUMBER FILED		NUMBER EXTRA		RATE	FEE
TOTAL CLAIMS	31 - 20	=	11	x	\$9 \$18	\$99
INDEPENDENT CLAIMS	2 - 3	=	0	x	\$40 \$80	\$0
MULTIPLE DEPENDENT CLAIMS _____ YES _____ X _____ NO					\$135 \$270	\$0
BASIC FEE					\$355 \$710	\$355
TOTAL FEE						\$454

18. X A check in the amount of \$454.00, which covers the basic filing fee is enclosed. A duplicate copy of this sheet is enclosed.
19. _____ The filing fee is not enclosed. Do not charge our deposit account.
20. X The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. 03-0370.

03-0370-0999-0000

Document: Computer-readable copy of
Sequence Listing pages 1 through 6
Attorney Docket No: P-PM 4966

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: **EL 857042061 US**

DATE OF DEPOSIT: **September 27, 2001**

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, ATTENTION BOX PATENT APPLICATION, WASHINGTON, D.C. 20231.

Karly Tambora

Printed Name of Person Mailing Paper or Fee

Karly Tambora

Signature of Person Mailing Paper or Fee

096606-05704

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Education (years)	Mean (SD)
Male	12.5 (2.1)
Female	12.8 (2.3)
Marital status	
Married	78%
Divorced	12%
Widowed	10%
Single	2%
Occupation	
Professional	35%
Managerial	25%
Technical	20%
Service	15%
Unemployed	5%
Retired	2%
Income (USD/month)	Mean (SD)
Male	1,200 (300)
Female	1,150 (280)
Health insurance	
Yes	95%
No	5%
Smoking status	
Smoker	30%
Non-smoker	70%
Alcohol consumption	
Regular	15%
Occasional	25%
Never	60%
Family size	Mean (SD)
Male	3.2 (1.5)
Female	3.5 (1.8)
Number of children	Mean (SD)
Male	2.1 (1.2)
Female	2.3 (1.4)
Number of siblings	Mean (SD)
Male	2.5 (1.8)
Female	2.7 (2.0)
Number of parents	Mean (SD)
Male	2.2 (1.1)
Female	2.4 (1.3)
Number of grandparents	Mean (SD)
Male	2.0 (1.0)
Female	2.1 (1.1)
Number of great-grandparents	Mean (SD)
Male	1.8 (0.9)
Female	1.9 (1.0)
Number of great-great-grandparents	Mean (SD)
Male	1.5 (0.8)
Female	1.6 (0.9)
Number of great-great-great-grandparents	Mean (SD)
Male	1.2 (0.7)
Female	1.3 (0.8)
Number of great-great-great-great-grandparents	Mean (SD)
Male	1.0 (0.6)
Female	1.1 (0.7)
Number of great-great-great-great-great-grandparents	Mean (SD)
Male	0.8 (0.5)
Female	0.9 (0.6)
Number of great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.5 (0.4)
Female	0.6 (0.5)
Number of great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.3 (0.3)
Female	0.4 (0.4)
Number of great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.2 (0.2)
Female	0.3 (0.3)
Number of great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.1 (0.1)
Female	0.2 (0.2)
Number of great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.05 (0.05)
Female	0.1 (0.1)
Number of great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.02 (0.02)
Female	0.05 (0.05)
Number of great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.01 (0.01)
Female	0.02 (0.02)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.005 (0.005)
Female	0.01 (0.01)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.002 (0.002)
Female	0.005 (0.005)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.001 (0.001)
Female	0.002 (0.002)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.0005 (0.0005)
Female	0.001 (0.001)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.0002 (0.0002)
Female	0.0005 (0.0005)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.0001 (0.0001)
Female	0.0002 (0.0002)
Number of great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-great-grandparents	Mean (SD)
Male	0.00005 (0.00005)
Female	0.0001 (0.0001)
Number of great-grandparents	Mean (SD)
Male	0.00002 (0.00002)
Female	0.00005 (0.00005)
Number of great-grandparents	Mean (SD)
Male	0.00001 (0.00001)
Female	0.00002 (0.00002)
Number of great-grandparents	Mean (SD)
Male	0.000005 (0.000005)
Female	0.00001 (0.00001)
Number of great-grandparents	Mean (SD)
Male	0.000002 (0.000002)
Female	0.000005 (0.000005)
Number of great-grandparents	Mean (SD)
Male	0.000001 (0.000001)
Female	0.000002 (0.000002)
Number of great-grandparents	Mean (SD)
Male	0.0000005 (0.0000005)
Female	0.000001 (0.000001)
Number of great-grandparents	Mean (SD)
Male	0.0000002 (0.0000002)

Signature of Person Mailing Paper or Fee

CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122
USPTO CUSTOMER NO. 23601

Document: Paper copy of Sequence
Listing pages 1 through 6
Attorney Docket No: P-PM 4966

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: **EL 857042061 US**

DATE OF DEPOSIT: **September 27, 2001**

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, ATTENTION BOX PATENT APPLICATION, WASHINGTON, D.C. 20231.

Karly Tambora

Printed Name of Person Mailing Paper or Fee

Karly Tambora

Signature of Person Mailing Paper or Fee

096660-092701
T04260-8099665